

**Garant**
**Softcut® 90° shoulder mill, with bore, Ø D / Zeff: 40/4 mm**


## Order data

Order number	215579 40/4
GTIN	4045197455314
Item class	210

## Description

### Version:

High precision indexable face mill with irregular pitch for very smooth cutting, very high precision, and very high metal removal rate. **New generation** of high performance indexable face mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

### Application:

For face milling to large depths, also slotting. General use in all steels including stainless steels.

### Spare part:

Pack of insert screws No. 219826 (8IP; 2.2 Nm).

### Note:

The insert seat must be modified when using indexable inserts with a radius greater than 2 mm. GARANT torque screwdriver TQ No. **211750 size 2.2**, use bit No. **674252 size 8IP**.

### Not for ramping or circular plunging!

The insert pocket must be modified when using indexable inserts with a radius greater than 2 mm.

Tool exchange: PowerCard

Number of effective inserts  $Z_{\text{eff}}$ : 4

Number of indexable inserts: 16

maximum cutting depth  $a_{\text{p,max}}$ : 39.5 mm

Overall length  $L_{\text{tot}}$ : 55 mm

Mounting bore Ø: 16 mm

Pack of insert screws: 219826 (8IP; 2.2 Nm)

## Technical description

Mounting bore $\varnothing$	16 mm
Number of effective inserts $Z_{\text{eff}}$	4
Overall length $L_{\text{tot}}$	55 mm
suitable indexable insert	AP.. 1335..
Pack of insert screws	219826 (8IP; 2.2 Nm)
Cutting edge $\varnothing D_c$	40 mm
maximum cutting depth $a_{p\text{max}}$	39.5 mm
Number of indexable inserts	16
Shank type	with bore
Setting angle $\kappa$	90 degrees
Milling application	End milling
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard

## Accessories

Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2
Set of insert screws 10-piece	219826
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 8IP	674252 8IP